FORM PTO-	1449	U.S.DEPARTMEN PATENT AND TR			ATTY, DOCKET NO. 4150-4000		SERIAL NO. To Be A					
			~~ entre velle.	'AN	Ronald W. Colv	will, Jr.		· 				
INFO		ATION DISCLOSUI se several sheets if ne		ON	FILING DATE		GROUP ART	UNIT				
	(0,	Se 2caciai 200000 11 110			February 9, 2001 To Be Assigned							
			U.S. I	PATENT D	OCUMENTS		·	·				
EXAMINER INTIAL		DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING DA' IF APPROPRI				
				<del> </del>								
<del></del>							-					
								· · · · · ·	{			
			l	<u> </u>								
FOREIGN PATENT DOCUMENTS												
	TRANSLATION											
		DOCUMENT NUMBER	DATE	<u> </u>	COUNTRY	CLASS	SUBCLASS	YES	NO			
	<u> </u>		ļ									
		OTHER DOCU	MENTS (In	cluding Autl	hor, Title, Date, P	ertinent Pa	pers, Etc.)					
m		Duen-Ren Liu, Tenth Internati	Shien-Chan onal Works	g Pan, Data hop on, 199	base and Expert S 9, pp. 630-634, IS	systems Ap BN: 0-76	plications, 19 95-0281-4	99. Proceed	ings.			
				<del></del>		·		<u>-</u>				
	<del>                                     </del>			<u> </u>								
							•	· .				
	_	<u> </u>						<del></del>				
						÷						
	-							<del></del>				
	_											
EXAMINE	R	Anshu		D	ATE CONSIDE	RED _	3/9/04					
EXAMINE	R: In	itial if reference cons		her or not ci	tation is in confor	mance wit	h MPEP 609;	Draw line th	rough			
aireign if m	-• :- <i>-</i>	antomonee and not	idorad	Include con	y of this form not	h nevt com	munication to	s annlicant				

夏	S.DEPARTME	NT OF COM	MERCE	ATTY. DOCKET NO.		SERIAL NO	Sheet 1	of
TORM T TOM	PATENT AND T	RADEMARK	OFFICE	4150-4000 APPLICANT		To Be	Assigned	
	RMATION DISCLOSU		ION	Ronald W. Co	lwill, Jr.			
	(Use several sheets if n	ecessary)		FILING DATE February 9, 20	, 01	To Be	TUNIT Assigned	
		U.S.	PATENT I	OCUMENTS				:
EXAMINER INITIAL	DOCUMENT NUMBER	DATE		NAME_	CLASS	SUBCLASS	FILING DATE IF APPROPRIAT	<u> </u>
un	5,850,433	12/15/88	Rondeau					
	5,940,821	8/17/99	Wical					
	6,009,459	12/28/99	Belfiore e	et al.		·		
	6,038,560	3/14/00	Wical					
	6,078,866	6/20/00	Buck et a	1				
	6,085,188	7/4/00	Bachman	n et al.	ļ			
ch	6,098,065	8/1/00	Skillen et	al.				
		<u>ļ</u>			لببا	<u> </u>	·	
		<b>EOREI</b> C	N PATEN	T DOCUMENT	Š	i ja ne si Sensi kalan k		
							TRANSLATION	
	DOCUMENT NUMBER	DATE	<u>'</u>	COUNTRY	CLASS	SUBCLASS	YES N	
	<u> </u>		ļ		<u> </u>			
	OTHER DOCU	MENTS (Inc	cluding Autl	hor, Title, Date, P		apers, Etc.)	:	
w	http://superpas	zes.com/ (	(02/02/20	,ol )				
1	http://www.bus	versindex.com	m/ (02/02	(امد/ا				
	http://www.buy	: <u>o.uk</u> (02	( اہمد/اہ/	· · · · · · · · · · · · · · · · · · ·				
-11	www.WebBoun	id.com (0)	106/2001	)				
11	www.About.com		/18/2000		<u> </u>	····		
	www.Altavista.	com	۱۵۹/۵۰۰۰	<b></b> )	<del></del>			
11	www.AOL.com	(01/2	09 2000   4 200   4 200	<u>'</u> `	<del></del>		<del></del>	
	www.Cannylin	k.com (o)	4/02/201	·1)			<u> </u>	
	www.Directhit.	com Ci	2/03/20	00)				
EXAMINER	Amsb			ATE CONSIDE	RED	5/20/	05	_
EXAMINER:	www.Directhit.	iderea, wheth	D/03/20	ATE CONSIDER	mance with		Draw line throu	gh

FORM PTO-14			ATTY, DOCKET: 4150-4000 APPLICANT Ronald W.		SERIAL NO TO BE A	Assigned				
	(Ose several sheets if the		February 9, 2001 To Be Assigned							
		U.S. PATENT	DOCUMENTS	<b>S</b>						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAMB	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE				
		<del> </del>								
·						•				
	<u> </u>			. 0. "						
	<b>国家公司 开发</b>	FOREIGN PATEN	IT DOCUME	VTS						
	DOCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS TRANSLATION									
					•	YES NO				
				<del></del>		<u> </u>				
·w-	Www.Dogpile.d	MENTS (Including Aut		e, Pertinent Pa	pers, Etc.)					
+	www.Excite.co	(0)/30/20	001 /							
	www.Finit.com	(01/07/200	·1 <i>)</i>	<del></del>	<del></del>					
		(02/03/2001)	)		·					
	www.Findwhal	.com (02/04/20	1)		-					
	www.Go.com	(01/07/2001)				-				
	www.Google.co	<u>m</u> (02/01/200	1)							
-11	www.Goto.com									
	www.Gotoworl									
au	www.Go2net.co	ini .								
EXAMINER	Amil	(11/20/2000 D	ATE CONSID	ERED	5/2	0)05				
EXAMINER:	Initial if reference considerations	dered, whether or not ci	tation is in con	formance with		_,				

			ATTY. DOCKET NO. 4150-4000  APPLICANT  Ronald W. Co.  FILING DATE  Follower 9. 20	olwill, Jr.	GROUP AS	Assigned	
		Ü.S. PATENE	February 9, 20		10 Be	Assigned	
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING IF APPRO	
·							
					<u> </u>		
	1	PODRICHPATER	T DOCHMENT	A STATE OF		Andrew Control	
	FOREIGN PA		COUNTRY	CLASS	SUBCLASS	TRANSL	ATION
			<del></del>			YES	NO
	OTHER DOCUM	MENTS (Including Au	hor Title Date	Partinant P	anore Fig.)	<del>  </del>	
u	www.Hotbot.co	m "Unavailab		(cranemi)	upers, Luciji		*
	www.Infospace	.com (01/07/2	pp1)	——————————————————————————————————————			
	www.Jayde.com	. <u>.com</u> (01/04/20 ! (02/02/20	·o()				
1	www.Looksmar	1.com (10/19/2		<del></del>			
	www.Lycos.com						
	www.Microsofti	Vanuart ann	16/2000)			<del> </del>	
	www.NBCi.com						
	www.Netscape.						
· ·	www.Questfinde			-,	•		
EXAMINER	Amsb		ATE CONSIDE	RED 4	12010	75	
EXAMINER: Locitation if not in	nitial if reference consideration conformance and not co	lered, whether or not considered. Include cop	itation is in confo	nnance with next com	h MPEP 609; munication to	Draw line	through

			4150-4000 APPLICANT Ronald W. C	APPLICANT Ronald W. Colwill, Jr.							
		U.S. PATENT									
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME ,	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE					
				-							
	(***)	FÖREIGN PATEN	T DOCUMENT	rs -							
	DOCUMENT NUMBER	OCCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS TRANSLATION									
						YES NO					
	OTHER DOCUM	IENTS (Including Au	thor, Title, Date	Pertinent P	apers. Etc.)						
u	www.Search.co			- 12		· ·					
	www,Sprinks.co	oz/03/2	·-1)								
	www.Top10link	m (01/13/20 m (02/03/20 s.com (01/05/	(١٥٥١)								
	www.Yahoo.com	(01/24/			<u> </u>						
	www.WebBound	1		n Previo	us page	1)					
	www.Webcrawl	er.com (01/18	le(listed i	<del>-</del>	. 0-						
$\neg$	www.Web-searc		2001)		•						
·	Clark, David, "S Soft, ISSN:0740	Search Engine Surge",		. 16 no4 (Ju	ly/Aug. 1999)	p. 112, IEEE					
Ju	Notess, Greg R.	, "New Databases From '97) p. 72-4 Journal C	n The Internet Se Code: Database, I	arch Service SSN:0162-	es", Database 4105	(Weston, Conn.)					
EXAMINER	Amsbu		ATE CONSIDE		5/24	05					
	nitial if reference considerance and not co										

FORM PTO-144		U.S.DEPARTMEI PATENT AND TI	RADEMARK C	FFICE	ATTY. DOCKET NO 4150-4000 APPLICANT Ronald W. C		SERIAL NO To Be	o. Assigned		
		several sheets if ne		<i>-</i>	FILING DATE GROUP ART UNIT February 9, 2001 To Be Assigned					
			U.S. P	atent i	OCUMENTS					
EXAMINER DVITIAL	$\perp$	DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING DATE UF APPROPRIATE		
	+									
	1									
	╁					<u> </u>				
	-					<del> </del>				
	<u>.                                    </u>		FOREICN	i daten	T <u>DOCÚMEN</u>	NC.		\$ ************************************		
		DOCUMENT NUMBER	DATE		COUNTRY	CLASS	SUBCLASS	TRANSLATION		
	+							YES NO		
Transfer to the		OTHER DOCUM		r .		Pertinent P.				
m			Shien-Chang	Pan, Data	base and Expert	Systems Ap	plications, 19	99. Proceedings.		
	_						<del></del>			
				. <u>-</u>			* - <del></del>			
	_	<u> </u>		<del></del>		_ <del></del>	<del></del>			
	-					<del>.</del>				
	+		<del></del>	<del> </del>						
EXAMINER		-us by		D.	ATE CONSIDE	RED	5/20/0	<u> </u>		
		if reference consider								

71 / 71 D. heet 1 of 25/30/01

SERIAL NO. ATTY. DOCKET NO. **U.S.DEPARTMENT OF COMMERCE** FORM PTO-1449 To Be Assigned 4150-4000 PATENT AND TRADEMARK OFFICE APPLICANT Ronald W. Colwill, Jr. INFORMATION DISCLOSURE CITATION GROUP ART UNIT FILING DATE (Use several sheets if necessary) February 9, 2001 To Be Assigned **U.S. PATENT DOCUMENTS** FILING DATE IF APPROPRIATE EXAMINER DOCUMENT NUMBER DATE INITIAL w 12/15/88 Rondeau 5,850,433 5,940,821 8/17/99 Wical 6,009,459 12/28/99 Belfiore et al. 3/14/00 6,038,560 Wical 6/20/00 Buck et al. 6,078,866 7/4/00 6,085,188 Bachmann et al. 8/1/00 Skillen et al. M 6,098,065 FOREIGN PATENT DOCUMENTS TRANSLATION CLASS SUBCLASS DOCUMENT NUMBER DATE COUNTRY YES OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Papers, Etc.) http://superpages.dom/ Not supplied; Not dated http://www.buyersindex.com/ www.pcindex.ko.uk www.WebBdund.com www.About.com www.Althvista.com WWW. AOL.com www.Cannylink.com www.Directhit.com msby **EXAMINER** DATE CONSIDERED EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through

citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

	M PTO-1449 U.S.DEPARTMENT OF COMMERCI				<del>,</del>				
FORM PTO-	1449	U.S.DEPARTMEN PATENT AND TR			ATTY. DOCKET NO. 4150-4000		SERIAL NO. To Be A		
					Ronald W. Colv	vill, Jr.			]
INFO		ATION DISCLOSU		N	FILING DATE		GROUP ART	LINTY	
	(U	se several sheets if ne	cessary)		February 9, 2001 To Be Assigned				
			U.S. P	ATENT D	OCUMENTS_				
EXAMINER								FILING IF APPRO	
INITIAL		DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	IF AFFRO	PRIATE
	-								
	l		1						
			<del>-                                   </del>						
	<b> </b>								
	1							·	
		<u> </u>							
			<u></u>					L	
RODRICN PATENT I						_			
			FOREIG	N PATEN	T DOCUMENTS	) 		أحض سيسي	
								TRANS	LATION
		DOCUMENT NUMBER	DATE	1	COUNTRY	CLASS	SUBCLASS	YES	NO
			<u> </u>				<u>.                                    </u>		·
				luding Aut	hor, Title, Date, P	ertinent P	apers, Etc.)		
:		www.Dogpile.c	<u>tom</u>		Notsa	بماوم	1 not	date	4
		www.Excite.cb	<u>m</u>			17			
		www.Finit.com	!	•			<del> </del>		<del></del>
		www.Findyvha	t.com						
	<u> </u>				·				
		www.Gofcom							
	-	www.Google.c	om		·····				
		www.Goto.com	1						
<u> </u>	-	www.Gotowor	ld.com				<del></del>		
<b></b>	-	yhvvv.Go2net.c	om	<del></del>		<del></del>			
	<u> </u>	<u> </u>		- · · · · <u>- · · · · · · · · · · · · · ·</u>			5, ,		
EXAMINE	ER	Amsby	<del>~</del>	D	ATE CONSIDE	RED	3/9/04		<del></del>
EXAMINE	R: In	nitial if reference cons	idered, wheth	er or not c	itation is in confor	mance wit	h MPEP 609	; Draw line	e through t.

			ATTY. DOCKET NO. 4150-4000 APPLICANT Ronald W. Colvertions Date February 9, 200	GROUP ART	GROUP ART UNIT TO Be Assigned		
		IIS PATENT	DOCUMENTS				-
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DA	
	•						
					<del></del>		
			·	1			
		FOREIGN PATE	NT DOCUMENTS	<u> </u>	· I		
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLA' YES	NO
	OTHER DOCU	MENTS (Including Au	uthor, Title, Date, P	Pertinent P	apers, Etc.)_		
	www.Hotbot.co						
<del></del>	www.Infospace	e.doin	Not 5	500/10	d nut c	lated	
	www.Jayde.com	h		7/	J elbi E	14 (2.0	
	www.Looksnja	rt.com					<del></del>
	www.Lycos.com	<u>n</u>			· · · · · · · · · · · · · · · · · · ·		
	www.Midrosof		<del></del>				
	www.NBCi.com			, <u></u>	· · · · · · · · · · · · · · · · · · ·		
			<del></del>				
	www.Netscape						
	www.Questfind	ler.com					
	www.Quesijina		DATE CONSIDE				

					<del></del>		<del></del>	<del></del> -		
FORM PTO-	1449	U.S.DEPARTMEN			ATTY, DOCKET NO. 4150-4000		SERIAL NO To Be A	Assigned		
		PATENT AND TR	ADEMAKK	OFFICE	APPLICANT					
INFO		ATION DISCLOSU		ION	Ronald W. Colv	wiii, Jr.	COOLED ARE			
	(U	se several sheets if ne	cessary)		FILING DATE February 9, 200	)1	To Be A	Assigned		
			U.S. I	PATENT D	OCUMENTS	<del></del>				
EXAMINER INITIAL		DOCUMENT-NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE		
				<b></b>						
				<u> </u>						
	$\vdash$			<del>                                     </del>						
			<del> </del>	<del></del>	<del> </del>	-	<del></del>			
				<u></u>		<u>!</u>	l	1		
FOREIGN PATENT DOCUMENTS										
	TRANSLATION									
l		DOCUMENT NUMBER	DATE		COUNTRY	CLASS	SUBCLASS	YES NO		
				<u> </u>	· · · <u>- · · · · · · · · · · · · · · · ·</u>		<u> </u>			
		OTHER DOCU	MENTS (In	cluding Aut	hor, Title, Date, P	ertinent P	apers, Etc.)			
		www.Search.co	<u>m</u>		·					
		www.Sprinks.c	<del>øm</del>		Not Supp	olved	Watda	ted		
		www.Toplofin	ks.com		77	<del></del>	-			
		www.Yahoo.co	<u>)m</u>							
		IVIVIV. WebBoun	ıd.com							
	$\vdash$	www.Webcraw	ler.com				<del></del> .			
	igg	yww. Web-sear	rch.com		<del></del>	-		<del></del>		
w	<del>                                     </del>	Clark, David, 'Soft, ISSN:074		ine Surge",	IEEE Software v.	16 no4 (Ju	ıly/Aug. 1999	)) p. 112, IEEE		
w		Notess, Greg R	L, "New Dat					e (Weston, Conn.)		
EXAMINE	∐ ≷R	Aushina Aushina			Code: Database, IS DATE CONSIDE		4103 3   9   0 4			
		uitial if reference cons	7				7			
		conformance and not (								

DOCUMENT NUMBER  5,864,781  5,778,367	U.S. PATEN	NT DO	APPLICANTIS) Ronald W. Cohvill, Jr. FILING DATE FEBRUARY 9, 2001 CUMENTS		GROUP ART 1 2152	UNIT	
5,864.Ag1	DATE	NT DO	February 9, 2001			UNIT	
5,864.Ag1	DATE	NT DC	OCUMENTS				
5,864.Ag1							
			NAME	CLASS	SUBCIL 22A	FILING DATE IF APPROPRIATE	
5,778,367	January 26, 1999	Kita	in et al.			Jan. 28, 1997	
.,	July 7, 1998	Wes	inger, Jr. et al.			Dec. 14, 1995	
						<del></del>	
				<u> </u>	-	<del></del>	
	FOREIGN PA	CENT	DOCUMENTS				
DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLAS	FILING DATE UF APPROPRIATE	
	OTHER DOC	UMEN	PITS				
munication for "	International Search F	Report	t" dated April 27, 2001,	PCTIUSOI	10425	٠5	
				<del></del>			
Lach		I	DATE CONSIDERED	3/9/04	· · · · · · · · · · · · · · · · · · ·		
	Frisbry	OTHER DOCUMENT NUMBER  OTHER DOCUMENT NUMBER	OTHER DOCUMENT NUMBER  OTHER DOCUMENT Number of "International Search Report Number of the International Search Report Number of Search Re	OTHER DOCUMENTS  Immunication for "International Search Report" dated April 27, 2001,  DATE CONSIDERED	OTHER DOCUMENTS  Immunication for "International Search Report" dated April 27, 2001, PCT/USO/	OTHER DOCUMENTS  Immunication for "International Search Report" dated April 27, 2001, PCT/uso/0425  DATE CONSIDERED 3/9/04	

RECEIVED

JUN 22 2001

Technology Center 2100

# / TiD. neet 1 085/30/01

SERIAL NO. ATTY, DOCKET NO. U.S.DEPARTMENT OF COMMERCE **FORM PTO-1449** 4150-4000 To Be Assigned PATENT AND TRADEMARK OFFICE APPLICANT Ronald W. Colwill, Jr. INFORMATION DISCLOSURE CITATION FILING DATE GROUP ART UNIT (Use several sheets if necessary) To Be Assigned February 9, 2001 U.S. PATENT DOCUMENTS FILING DATE EXAMINER IF APPROPRIATE DOCUMENT NUMBER DATE NAME CLASS SUBCLASS INITIAL w 5,850,433 12/15/88 Rondeau 8/17/99 Wical 5,940,821 12/28/99 Belfiore et al. 6,009,459 3/14/00 Wical 6,038,560 6/20/00 Buck et al. 6,078,866 6,085,188 7/4/00 Bachmann et al. w 6,098,065 8/1/00 Skillen et al. FOREIGN PATENT DOCUMENTS TRANSLATION COUNTRY CLASS SUBCLASS DATE DOCUMENT NUMBER YES OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Papers, Etc.) http://superpages.dom/ Not supplied; Not dated http://www.buyersindex.com/ www.pcindex.co.uk www.WebBound.com www.About.com www.Altavista.com www.AOL.com www.Cannylink.com www.Directhit.com **EXAMINER** DATE CONSIDERED EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through

citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

	FORM PTO-1449  U.S.DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE CITATION  (Use several sheets if necessary)				ATTY. DOCKET NO. 4150-4000 APPLICANT Ronald W. Co	olwill, Jr.	SERIAL NO TO BE A	Assigned			
	(U	se several sheets if ne	cessary)		February 9, 20	001		Assigned			
			U.S. P	PATENT I	OCUMENTS						
EXAMINER INITIAL		DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS		DATE OPRIATE		
						<u> </u>					
								<u> </u>			
		·						<u> </u>			
				_							
	FOREIGN PATENT DOCUMENTS										
		DOCUMENT NUMBER	DATE		COUNTRY	CLASS	SUBCLASS	TRANS YES	NO		
						-					
· · · · · · · · · · · · · · · · · · ·		OTHER DOCUM	IENTS (Inc	ludine Au	hor, Title, Date, I	 Pertinent Po	apers, Etc.)				
		www.Dogpile.e		α	1/6		1 not	1.~	/		
		www.Excite.com	<u>n</u>	-	<u>/(10/3</u>	400160	) not	ca cu	<u>a</u>		
		www.Finit.com		•	<del></del>		<del></del>				
		www.Findyhat	com			_					
			<u></u>								
		www.Golcom									
		www.Google.co	<u>om</u>								
		www.Goto.com		-	-		<del></del>	<u>-</u>			
		www.Gotoworl	d.com								
		www.Go2net.co			· <del></del>						
					· ma covers		21 /				
EXAMINE	_	4msb.	/		ATE CONSIDE		3 <i>/ 5/ 84</i> L MDED 600.		through		
		tial if reference consident of the considering of the conformance and not conformance and not conformation the conformation of									

FORM PTO-144		NT OF COMMERC		ATTY. DOCKET NO. 4150-4000		SERIAL NO To Be	Assigned	
			VL	Ronald W. Col	will. Jr.			
	MATION DISCLOSU (Use several sheets if ne			FILING DATE February 9, 200		GROUP AR To Be	т имт Assigned	
		U.S. PATE	ENT D	OCUMENTS			_	
							FUNC	G DATE
EXAMINER INITIAL	DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS		OPRIATE
					]			
							ļ	
		<u></u>			<u> </u>	<u>l</u> .		
		FOREIGN PA	ATEN	T DOCUMENTS	<u> </u>			
		DATE		COUNTRY	CLASS	SUBCLASS	TRANS	LATION
	DOCUMENT NUMBER	DATE		COUNTRI	CLASS	30000033	YES	NO
						<u> </u>	<u> </u>	<u> </u>
	OTHER DOCUM		g Auti	hor, Title, Date, P	ertinent P	apers, Etc.)		
	www.Hotbot.co	<u>)m</u> 						
	www.Infospace	e.doin		Nut s	يداله	d not	luted	,
	www.Jayde.com	<u>h</u>			11	7		-
	www.Looksman	rt.com			<del></del>			
	www.Lycos.com	<u>n</u>						
	www.Migrosoft	Network.com						<del></del>
	www.NBCi.com	<u> </u>						
	www.Netscape.					·		
				<u> </u>				
	www.Questfind	<u>er.com</u>						
EXAMINER	Amel	m	D	ATE CONSIDER	ED 3	3/5/04		
	Initial if reference consi							

FORM PTO-1449  U.S.DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE CITATION  (Use covered cheets if pages 221)			ATTY. DOCKET NO.  4150-4000  APPLICANT  Ronald W. Colwill, Jr.  FILING DATE  GROUP ART UNIT						
(Use several sheets if necessary)				February 9, 200	)1	-	To Be Assigned		
		U.S. P	ATENT D	OCUMENTS					
EXAMINER INITIAL	DOCUMENT NUMBER	PATENT AND TRADEMARK OFFICE  ION DISCLOSURE CITATION everal sheets if necessary)  U.S. PATENT DOCUMENTS  DOCUMENT NUMBER  DATE  FOREIGN PATENT DOCUMENTS  COUMENT NUMBER  DATE  COUNTRY  OTHER DOCUMENTS (Including Author, Title, Date  WWW. Search.com  WWW. Sprinks.com  WWW. Sprinks.com  WWW. Yalloo.com  WWW. Web. Search.com  WWW. Web. Search.com  Clark, David, "Search Engine Surge", IEEE Software Soft, ISSN:0740-7459  Notess, Greg R., "New Databases From The Internet  y. 20 (Apr./May '97) p. 72-4 Journal Code: Database  OATE CONSIL	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE			
	1								
		L J							
		FOREIG	N PATEN	T DOCUMENTS			1		
	DOCUMENT NUMBER	DATE	(	COUNTRY CLASS	CLASS	SUBCLASS	TRANSLATION YES NO		
							153 100		
	OTHER DOCUM	MENTS (Inc.	luding Aut	hor Title Date P	ertinent P	opers Etc.)			
			Musik	,,		<b>.po. u,</b> ,			
	www.Sprinks.cy	<u>/</u>		1/20	1 /	1 . /			
	www.Top10fini	ks.com		NUT Supp	lied,	Wut.da	tod		
				· · · · · · · · · · · · · · · · · · ·		-			
							<del></del>		
	www.WebBoun	<u>d.com</u>		<u>-</u>					
	www. Webcraw	ler.com							
	www. Web-sear	ch.com							
m	Soft, ISSN:074	0-7459							
ur							(Weston, Conn.)		
EXAMINER				ATE CONSIDER		3/9/04			
	nitial if reference considerations of conformance and not conforma								

FORM PTO-1449 U.S.DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE				ATTY, DOCKET NO. 4150-4000 SERIAL NO. To Be Assigned						
70.170		A TOTAL DESCRIPTION	TO TO COURT A TIET	ON	Ronald W. Colv	will, Jr.				
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)			FILING DATE GROUP			ART UNIT e Assigned				
					<del></del>		<u> </u>			
			U.S. I	PATENT D	OCUMENTS			-		
EXAMINER INITIAL		DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS		DATE OPRIATE	
		<u>-</u>						ļ		
<del>-</del>										
		<del></del>	-					<del>                                     </del>		
						<u></u> -		<del>                                     </del>		
			ļ					-		
<u> </u>			<u> </u>							
			FOREIG	N PATEN	r documents	;			•	
						·		TRANSLATION		
		DOCUMENT NUMBER	DATE		COUNTRY	CLASS	SUBCLASS	YES	МО	
		OTHER DOCU	MENTS /In/	Judina Auth	or Title Date P	artinant D:	nars Ftc.)			
					pase and Expert S			999. Proce	edings.	
m					, pp. 630-634, IS			_		
					<del></del>					
				-		<del></del>				
			<del></del>				· · · · ·			
									]	
EXAMINE	R	Ansbur	<del></del>	DA	ATE CONSIDER	ED 3	19/14			
	_	tial if reference consi	dered wheth				777   -	: Draw line	through	
	·				of this form with					

FORM PTO-1449  U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  O PINEORMATION DISCLOSURE CITATION  (Use several sheets if necessary)			ATTY. DOCKET NO. 4150-4000US1	SERIAL NO. 09/781,901			
<u> </u>	••		APPLICANT(S) Ronald W. Colwill, Jr.	•			
U.S. PATENT I			FILING DATE February 9, 2001	GROUP ART UNIT 2152			
	U.S. PATE	NT DO	CUMENTS				
DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCL ASS	FILING DATE IF APPROPRIATE	
5,864,781	January 26, 1999	Kita	in et al.			Jan. 28, 1997	
5,778,367	July 7, 1998	Wes	singer, Jr. et al.			Dec. 14, 1995	
<u></u>	FOREIGN PA	CENT	DOCUMENTS	<u>I</u>			
DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLA	SS FILING DATE	
	OTHER DOCI	JMEN	NTS	1	1		
Communication for "l	International Search R	Repor	t" dated April 27, 2001,	PCTIUSO	1/0425	75	
Amsberry		I	DATE CONSIDERED	3/9/1			
	DOCUMENT NUMBER  5,864,781  5,778,367  DOCUMENT NUMBER  Communication for "I	PATENT AND TRADEMARK OF CRMATION DISCLOSURE CITATION (Use several sheets if necessary)  U.S. PATER  DOCUMENT NUMBER  5,864,781  January 26, 1999  5,778,367  July 7, 1998  FOREIGN PATE  DOCUMENT NUMBER  DATE  OTHER DOCUMENT FOREIGN	PATENT AND TRADEMARK OFFICE ORMATION DISCLOSURE CITATION  (Use several sheets if necessary)  U.S. PATENT DO  DOCUMENT NUMBER  5,864,781  January 26, 1999  Kitz  5,778,367  July 7, 1998  West  FOREIGN PATENT  DOCUMENT NUMBER  DATE  OTHER DOCUMENT  Communication for "International Search Report	PATENT AND TRADEMARK OFFICE  RMATION DISCLOSURE CITATION (Use several sheets if necessary)  DOCUMENT NUMBER  DATE  DATE  S,864,781  January 26, 1999  Kitain et al.  5,778,367  July 7, 1998  Wesinger, Jr. et al.  FOREIGN PATENT DOCUMENTS  DOCUMENT NUMBER  DATE  NAME  FOREIGN PATENT DOCUMENTS  DOCUMENT NUMBER  DATE  NAME  OTHER DOCUMENTS  Communication for "International Search Report" dated April 27, 2001,	PATENT AND TRADEMARK OFFICE  RMATION DISCLOSURE CITATION  (Use several sheets if necessary)  APPLICANTS Ronald W. Colwill, Jr.  PILING DATE February 9, 2001  U.S. PATENT DOCUMENTS  DOCUMENT NUMBER DATE NAME CLASS  5,864,781 January 26, 1999 Kitain et al.  5,778,367 July 7, 1998 Wesinger, Jr. et al.  FOREIGN PATENT DOCUMENTS  DOCUMENT NUMBER DATE NAME CLASS  OTHER DOCUMENTS  Communication for "International Search Report" dated April 27, 2001, PCT/USO.	OP/781,9  PATENT AND TRADEMARK OFFICE  PATENT AND TRADEMARK OFFICE  (Use several sheets if necessary)  OUS. PATENT DOCUMENTS  DOCUMENT NUMBER  DATE  DATE  NAME  CLASS  SUBCLASS  5,864,781  January 26, 1999  Kitain et al.  5,778,367  July 7, 1998  Wesinger, Jr. et al.  FOREIGN PATENT DOCUMENTS  DOCUMENT NUMBER  DATE  NAME  CLASS  SUBCLASS  SUBCLASS  OTHER DOCUMENTS  COMMUNICATION  OTHER DOCUMENTS  Communication for "International Search Report" dated April 27, 2001, PCT   USD   O 4 2 5	

RECEIVED

JUN 2 2 2001

Technology Center 2100